KOREAN PATENT ABSTRACTS(KR)

(71) Applicant:
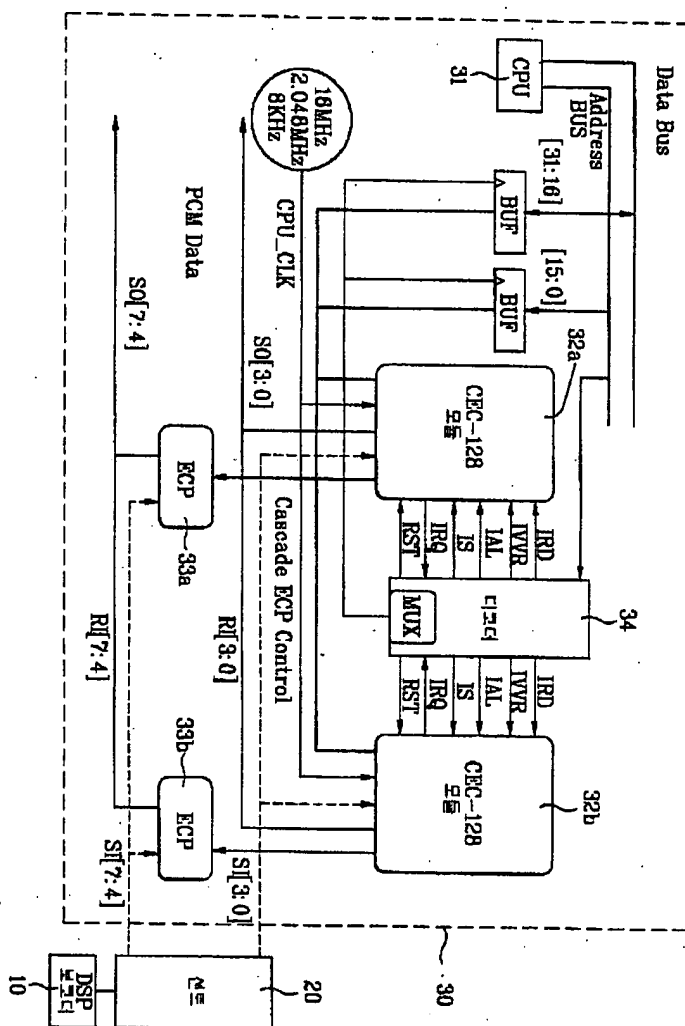　LG INFORMATION & COMMUNICATIONS LTD.
(72) Inventor:
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(30) Priority:

(54) Title of Invention
　APPARATUS FOR PROCESSING VOICES OF MOBILE COMMUNICATION SYSTEM

Representative drawing

(57) Abstract:

PURPOSE: An apparatus for processing voices of a mobile communication system is provided to remove an echo by a delay over a predetermined level(24ms), so as to supply a clean sound quality.

CONSTITUTION: A DSP(Digital Signal Processor) vocoder (10) removes an echo caused by a delay below a predetermined level. The second voice processor(30) removes an echo caused by a delay over the predetermined level. A shunt(20) selects the DSP vocoder(10) or the second voice processor(30) according to a user request. The second voice processor (30) comprises as follows. Sub echo removers(ECPs) (33a,33b) remove echoes from voice signals. Main echo

removers(CECs-128)(32a,32b) control echo removing operations of the sub echo removers(ECPs)(33a,33b), and output operation-related signals. A CPU(31) downloads an echo removing program to the main echo removers(CECs-128) (32a,32b), and controls the main echo removers(CECs-128)(32a,32b). A decoder (34) designates addresses of the main echo removers(CECs-128)(32a,32b), and decodes the addresses to output signals to the decoded addresses.

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